

MAY 25 2007

Application Serial No. 10/785,489
Reply to Office Action of January 26, 2007

PATENT
Docket: CU-3601

REMARKS

In the Office Action, dated January 26, 2007, the Examiner states that Claims 1-13 are pending, Claims 1-6 are rejected and Claims 7-13 are withdrawn. By the present Amendment, Applicant amends the specification.

In the Office Action, the abstract is objected to for Informalities. The Applicant has cancelled the original abstract and added a new abstract.

In the Office Action, Claims 1-6 are rejected under 35 U.S.C. §102(a) as being anticipated by JP 2004-039579. The Applicant respectfully disagrees with and traverses this rejection.

The optical filters recited in the Claims 1 to 3 of the present application (the present inventions) comprise a minute concave-convex surface with minute concave-convexes formed by a pitch of the wavelength of the light or less. The specification of the present application discloses that: "wavelength of the light or less" substantially denotes the wavelength of the visual light or less, which is 400 nm or less (lines 8 to 10, page 11).

In the cited reference, a lenticular lens in a convex shape is formed. The convex shape lenticular lenses are formed and arranged such that they correspond to a picture element array. The example of the reference discloses that the width of the convex is 90 μm (paragraph [0047]). Accordingly, it is assumed that the pitch of the convex is set to be 90 μm . Further, the size of the picture elements are generally over dozens of μm or a few μm at least. Accordingly, the pitch of the convex is assumed to be over dozens of μm or a few μm at least.

Therefore, the concave-convex pitch scales are different between the present inventions and the reference. That is, the present inventions are different from the reference in that the pitch of the minute concave-convexes is the wavelength of the light or less.

The object of the present inventions is to solve the following problems: deterioration of the incident efficiency caused by the irregular reflection of the incident light when a layer containing fine particles is formed by coating for the purpose of roughing, to provide measures to prevent the reflection of the light at the surface of the color filter layer or at the surface of the color conversion layer; a problem of difficulty in management of the paint for obtaining a certain roughened surface; or a problem of increase in the number of processes to prevent the

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reflection when preventing the reflection by laminating plural layers of different refractive indices. Moreover, the present inventions prevent light reflection between a light emitting layer and an optical filter by the minute concave-convexes with a pitch of the wavelength of the light or less.

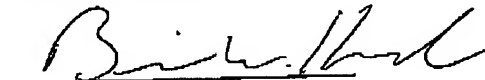
The object of the reference, on the other hand, is to solve the following problems caused by the light emission from a light emitting layer to all directions: a problem posed on improving the brightness because emitted light use efficiency is low, and a problem of lowering image display quality caused when the light emitted from a light emitting layer to all directions incident appropriately to the adjacent picture element. The reference realizes a very bright high quality image display with a lenticular lens by focusing the light emitted from a light emitting layer to all directions into corresponding picture elements.

Therefore, the present inventions and the reference have different problems to solve, and objects and advantageous effects to achieve.

For at least the reason that the cited prior art does not disclose the claimed pitch for the concave-convex surfaces, the Applicant considers that the rejection is improper and should be withdrawn.

In light of the foregoing response, all the outstanding objections and rejections are considered overcome. Applicant respectfully submits that this application should now be in condition for allowance and respectfully requests favorable consideration.

Respectfully submitted,



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